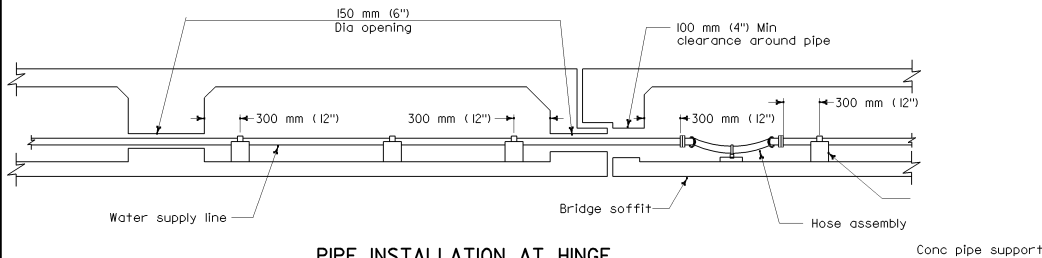
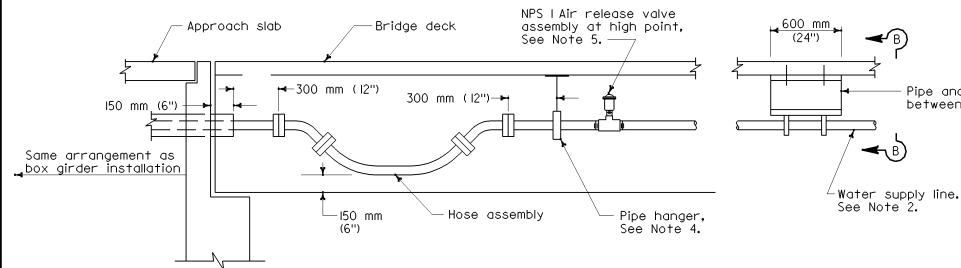
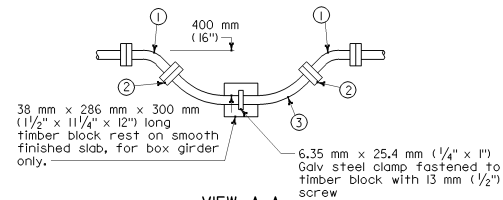
**BOX GIRDER INSTALLATION****PIPE INSTALLATION AT HINGE**

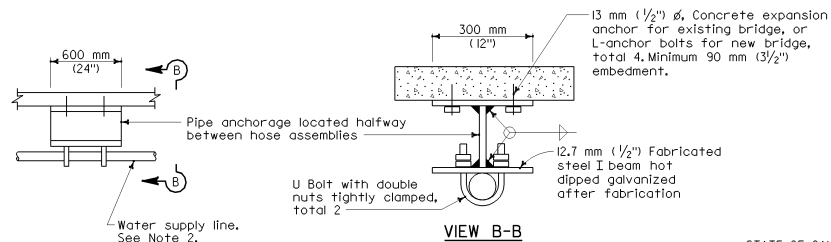
Same for hanger type installation

**INSTALLATION FOR OTHER STRUCTURE TYPES****VIEW A-A
HOSE ASSEMBLY****NUMBERED ITEM**

- ① 45 degree flanged elbow with insulated flange connection.
- ② Flanged hose fitting.
- ③ Hose 2.0 m (6.5') live length, size shall be same as pipe.

NOTES

1. Extend pipe 1.5 m (5') + beyond the edge of shoulder or as shown on bridge plans. Terminate in a pull box as shown on Standard Plan B14-3, Detail B.
2. Water supply line shall be installed parallel to bridge soffit or deck.
3. For concrete pipe support, pipe shall be tightly clamped at the pipe support located halfway between hose assemblies. At all other supports, pipe clamp shall be shimmed with steel washer plate to provide 5 mm (3/16") clearance between pipe and clamp.
4. Maximum spacing between pipe hangers or supports shall be 3.0 m (10') unless otherwise detailed on the plans.
5. Install air release valve using threaded tee or pipe saddle.
6. Openings through diaphragms and bent caps shall be 150 mm (6") diameter unless otherwise detailed on the plans.
7. For details of pipe hanger and concrete pipe support, See Standard Plan B14-5.

**VIEW B-B**

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**WATER SUPPLY LINE
(BRIDGE)**

(PIPE SIZES LESS THAN NPS 4)

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

B14-4

DIST.	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET TOTAL SHEETS

REGISTERED MECHANICAL ENGINEER
July 1, 2002
PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>

Hao T. Phan
No. M20263
Exp. 9-30-04
STATE OF CALIFORNIA